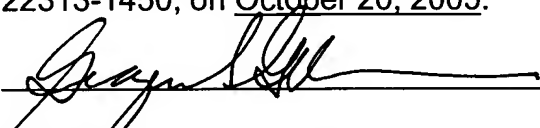




IFC

Patent
PD-980163D
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Mustafa Erozu et al. : I hereby certify that this correspondence is
: being deposited with the United States
: Postal Service with sufficient postage
: as first class mail in an envelope
Serial No.: 10/662,149 : addressed to:
Filed: September 12, 2003 :
: Mail Stop Amendment, Commissioner for
For: FORWARD ERROR CORRECTION : Patents, P. O. Box 1450, Alexandria, VA
SCHEME FOR CDMA DATA : 22313-1450, on October 20, 2005.
CHANNELS USING UNIVERSAL :
TURBO CODES :
: 
: Georgann S. Grunebach
: Typed or printed name of person signing certificate
Group Art Unit: 2133 :
Examiner: Chung, Phung M. : Date: October 20, 2005

SUPPLEMENTAL DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 (c)

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

This statement should be considered because it is submitted after the mailing date of a first Office action on-the-merits, but before the mailing of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application.

In accordance with 37 C.F.R. § 1.97 (c)(2), submitted herewith is the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement.

10/25/2005 MBIZUNES 00000021 500383 10662149

03 FC:1806 180.00 DA

PAYMENT OF FEE SET FORTH IN §1.17(p)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of **\$180.00**. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to that account.

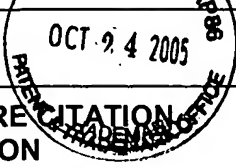
This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By: 
Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
RE/R11/A109
P. O. Box 956
El Segundo, CA 90245

Telephone No. (310) 964-4615

FORM PTO-1449				Docket Number (Optional) PD-980163D		Application Number 10/662,149	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				Applicant Mustafa Eroz et al.			
(Use several sheets if necessary)				Filing Date September 12, 2003		Group Art Unit 2133	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	6,289,486	09/11/2001	Lee et al.	714	788		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION (YES/NO)	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	D. Divsalar and R.J. McEliece, "Effective Free Distance of Turbo Codes", <i>Electronics Letters</i> , Vol. 32 No. 5, February 29, 1996, pages 445 & 446.						
	D. Divsalar and F. Pollara, "On the Design of Turbo Codes", <i>TDA Progress Report 42-123</i> , November 15, 1995, pages 99-121						
	Sergio Benedetto, Roberto Garelo, Guido Montorsi, "System Encoders for Convolutional Codes and Their Application to Turbo Codes", 0-7803-3336-5/96 IEEE, 1996, pages 6-10						
	Jakob Dahl Anderson, Viktor V. Zyablov, "Interleaver Design for Turbo Coding"						
EXAMINER			DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							